In the Claims:

Please cancel claims 3 and 4, without prejudice, and amend claims 1, 2 and 5-9 as follows:

1.    (Currently Amended)    A method for persisting data manipulations in a transaction processing system that consists of a first computer system issuing a data manipulation request to a database having a plurality of records and a second computer system accessing said database according to said data manipulation request, said method comprising:

a step where said first computer system designates a search condition, requesting said second computer system to retrieve records that satisfy said search condition from said database;

a step where said second computer system retrieves, from said database, all records that satisfy said search condition designated by said first computer system ~~from said database~~, sending the contents thereof back to said first computer system;

a step where said first computer system executes, on a memory located on said first computer system, a plurality of preset~~, not previously performed,~~ data manipulations in turn ~~on a memory located on said first computer system to~~by using said data base objects~~,~~ ~~which~~that correspond to contents of records ~~retrieved~~sent by said second computer system, ~~recording the~~and for a data manipulation of which a target database object is not the same as the others among each executed data manipulation, records contents of said data

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manipulations <u>as a log</u> into said memory<u>, for another data manipulation of which a target</u> <u>database object is the same as others among each executed data manipulation, records</u> <u>content of only one data  manipulation</u> as <u>a</u>the total log <s>by a record</s> <u>into the memory, as</u> <u>needed to reflect the data manipulations in said database;</u>

a step where said first computer system stores<u>, in one message,</u> the contents of said database object <u>left in the memory</u> and <s>said log</s><u>logs recorded in the memory</u> after <s>the</s> <u>final</u> data manipulations <s>into a message</s><u>, and after the plurality of preset data manipulations</u> <u>are completely executed,</u> sending the message to the second computer system <s>after all of said</s> <s>preset, not previously performed, data manipulations to the database object are completed,</s> <s>the message including both a plurality of database objects corresponding to a plurality of</s> <s>records, and also a plurality of logs</s>; and

a step where said second computer system <s>accesses</s><u>updates</u> said database <s>according to</s><u>based on</u> the contents of <u>said database object and</u> said <s>log</s><u>logs</u> <s>in</s><u>within</u> said message received from said first computer system <s>and the second computer system reflects</s> <s>said database object to said database to update a plurality of records</s>.


2.      (Currently Amended)      The data manipulation persisting method in a transaction processing system according to claim 1, wherein said first computer system only stores<u>, in said one message, the contents of</u> the database object whose contents are updated by said data manipulations <u>from among database objects that correspond to the contents of</u> <u>records sent by said second computer system,</u> and <u>the contents of</u> the database object that is

added by said data manipulation ~~in said message to send it~~, and sends said message to the second computer system.

3-4.    (Cancelled)

5.    (Currently Amended)    The data manipulation persisting method in a transaction processing system according to claim 4~~4~~1, wherein said first computer system stores one update log and contents after the final update in said message with respect to a predetermined database object when update was repeated to said database object.

6.    (Currently Amended)    The data manipulation persisting method in a transaction processing system according to claim 4~~4~~1, wherein said first computer system stores one insertion log and contents after the update in a message with respect to a predetermined database object when update was executed after insertion for said database object.

7.    (Currently Amended)    The data manipulation persisting method in a transaction processing system according to claim 4~~4~~1, wherein said first computer system stores one deletion log in said message and does not store contents with respect to a predetermined database object when deletion was executed after update for said database object.

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8.　(Currently Amended)　The data manipulation persisting method in a transaction processing system according to claim 4~~4~~1, wherein said first computer system does not store a log and contents with respect to a predetermined database object when deletion was executed after insertion for said database object.


9.　(Currently Amended)　A computer-readable medium encoded with a data manipulating program for a remote database, the program comprising:

a first step where a client computer, which communicates with a server computer accessing a database to execute transactions for said database, designates a search condition, requesting said server computer to retrieve records that satisfy said search condition from said database;

a second step where said client computer executes, on a memory located on said first computer system, a plurality of preset~~, not previously performed,~~ data manipulations in turn ~~on a memory located on said client computer to an~~by using database objects~~,~~ ~~which~~that correspond to contents of the records ~~retrieved~~sent by said server computer, ~~recording the~~and then, for a data manipulation of which a target database object is not the same as the others among each executed data manipulation, records contents of the data manipulations as a log into said memory, for the data manipulation of which a target database object is same as the others among each executed data manipulation, records the content of only one data manipulation as a log by a record total log into the memory, as needed to reflect the data manipulations in said database; and

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a third step where, once all said data manipulations are performed, said client computer stores, into one message, the contents of said database object left in the memory and ~~said log~~logs recorded in the memory after ~~said~~final data manipulations ~~into a message~~, after the plurality of present data manipulation are completely executed, sending said message to said server computer, ~~said message including both a plurality of database objects corresponding to a plurality of records, and also a plurality of logs, thereby requesting to reflect said database object to~~and updating said database ~~to update a plurality of records when all of said preset data manipulations to said database object are completed~~based on the contents of said database object and said logs within said message.

10.  (Original)  The data manipulating program for a remote database according to claim 9, wherein modules that make said client computer execute said first and second steps are programmed to vary from one business content to another, and wherein a module that makes said client computer execute said third step is programmed to be common to all business contents.